

03560.002834.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Yuko YAKUSHIGAWA, et al.)	: Examiner: Unassigned
Application No.: 10/682,521)	: Group Art Unit: Unassigned
Filed: October 10, 2003)	:
For: INK SET, INK JET RECORDING)	
METHOD, RECORDING UNIT, INK)	: November 17, 2003
CARTRIDGE, AND INK JET)	
RECORDING APPARATUS)	:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Each of the documents was cited in Application No. 09/884,096 (the "'096 Application"), the parent application of this divisional application.

The concise explanation of relevance for some of the non-English documents may be found in the specification at pages 3, 14, 15, 24, 37, 58, 59, 60 and 62. Also, Applicants

obtained English language computer database abstracts, where readily available, for the non-English documents and attached them to the copies submitted in the '096 Application. English language counterparts, where readily available, were also submitted in the '096 Application and are listed on the Form PTO-1449.

Copies of the listed documents were previously submitted, or cited by the Examiner, in the parent application. Therefore, copies are not being provided, in accordance with 37 C.F.R. § 1.98(d). However, if copies are not available to the Examiner, the Examiner is invited to telephone Applicants' undersigned representative to request them. Nevertheless, U.S. Patent Nos. 6,474,804, 6,281,917 and 2002/0011178 A1 are enclosed because they were previously submitted as Application Nos. 09/887,259, 09/049,921 and 09/871,628, respectively. (Application No. 09/871,627 also was cited in the '096 Application, and was later published as 2002/0050225 A1. This patent publication was then cited in the PTO-892 dated January 24, 2003 by the Examiner, and it is cited in that form on the attached PTO-1449.)

European Search Reports (dated September 20, 2001 and June 17, 2003) from a counterpart patent application, and citing some of the documents, are also enclosed for the Examiner's convenient reference.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted within three months of the filing date of this application.




CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



Attorney for Applicants
Jean K. Dudek
Registration No. 30,938

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200
JKD:ayr
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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) (November 17, 2003)		ATTY DOCKET NO. 03560.002834.1		APPLICATION NO. 10/682,521			
		APPLICANT Yuko YAKUSHIGAWA, et al.					
		FILING DATE October 10, 2003		GROUP Unassigned			
U.S. PATENT DOCUMENTS							
*	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,202,870	05/13/1980	Weber et al.	423	630	
		4,242,271	12/30/1980	Weber et al.	260	448 AD	
		4,248,852	02/03/1981	Wakabayashi et al.	423	626	
		4,313,124	01/26/1982	Hara	346	140 R	
		4,345,262	08/17/1982	Shirato et al.	346	140 R	
		4,391,960	07/05/1983	Kleine et al.	526	74	
		2002/0050225 A1	05/2002	Mafune et al.	106	31.27	
		2002/0093557	07/2002	Takuhara et al.	347	100	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		JP 54-56847 A	05/08/1979	Japan			Abstract Previously Submitted
		JP 55-27830 A	02/28/1980	Japan			Abstract and u.s. Counterpart Previously Submitted
		JP 57-44605 A	03/13/1982	Japan			Abstract and u.s. Counterpart Previously Submitted
		JP 59-123670 A	07/17/1984	Japan			Abstract Previously Submitted
		JP 59-138461 A	08/08/1984	Japan			Abstract Previously Submitted
		JP 60-71260 A	04/23/1985	Japan			Abstract and u.s. Counterpart Previously Submitted
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JKD:ayr



FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
03560.002834.1APPLICATION NO.
10/682,521APPLICANT
Yuko YAKUSHIGAWA, et al.LIST OF REFERENCES CITED BY APPLICANT(S)
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,459,600	07/10/1984	Sato et al.	346	140 R	
	4,463,359	07/31/1984	Ayata et al.	346	1.1	
	4,533,920	08/06/1985	Suzuki	346	1.1	
	4,558,333	12/10/1985	Sugitani et al.	346	140 R	
	4,608,577	08/26/1986	Hori	346	140 R	
	4,723,129	02/02/1988	Endo et al.	346	1.1	
	4,740,796	04/26/1988	Endo et al.	346	1.1	
	2002/0038613	04/2002	Yatake, Masahiro	106	31.6	
	6,460,988	10/2002	Mafune et al.	347	100	
	6,454,844	09/2002	Kanaya, Miharuru	106	31.48	

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP 2803134 B2	12/21/1989	Japan			Abstract and U.S. Counterpart Previously Submitted
JP 2881847 B2	10/191990	Japan			Abstract and U.S. Counterpart Previously Submitted
JP 2783647 B2	01/16/1992	Japan			U.S. Counterpart Previously Submitted
EP 1 164 174 A1	12/19/2001	Europe			In English

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,091,009	02/25/1992	Nogami et al.	106	287.1	
	5,218,376	06/08/1993	Asai	346	1.1	
	5,221,497	06/22/1993	Watanabe et al.	252	313.2	
	5,451,251	09/19/1995	Mafune et al.	106	22 H	
	5,466,282	11/14/1995	Eida et al.	106	22 K	
	5,772,742	06/30/1998	Wang	106	31.27	
	5,833,743	11/10/1998	Elwakil	106	31.27	
	6,474,804 B2	11/05/2002	Osumi et al.	347	100	
	6,281,917 B1	08/28/2001	Katsuragi et al.	347	100	
	2002/0011178 A1	01/31/2002	Kanke et al.	106	31.47	

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EP 0 831 135 A1	03/25/1998	Europe			In English
JP 10-195360 A	07/28/1998	Japan			Abstract Previously Submitted
JP 10-329403 A	12/15/1998	Japan			Abstract and u.s. Counterpart Previously Submitted
JP 11-209673 A	08/03/1999	Japan			Abstract Previously Submitted
EP 0 962 324 A1	12/08/1999	Europe			In English

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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